Project Title	Funding	Institution
The neurobiological basis of heterogeneous social and motor deficits in ASD	$464,220	University of Southern California
Synaptic pathophysiology of the 16p11.2 microdeletion mouse model	$557,176	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Engrailed targets and the control of synaptic circuits in Drosophila	$375,000	UNIVERSITY OF PUERTO RICO MED SCIENCES
Parameterizing Neural Habituation in ASD with Sensory Overresponsivity	$62,479	The Regents of the University of California, Los Angeles
Caspr2 as an autism candidate gene: a proteomic approach to function & structure.	$318,000	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL
BRAIN MICROSTRUCTURE & BEHAVIOR IN NEWLY-DIAGNOSED TODDLERS/PRESCHOOLERS WITH ASD	$236,506	Washington University in St. Louis
Atypical architecture of prefrontal cortex in young children with autism	$0	University of California, San Diego
Neuronal Correlates of Autistic Traits in ADHD and Autism	$870,670	New York University
Intrinsic Brain Architecture of Young Children with Autism While Awake and Asleep	$211,875	New York University
Neural basis of cross-modal influences on perception	$0	University of California, San Diego
Mechanotransduction C. elegans	$588,908	Massachusetts General Hospital
Neural markers of shared gaze during simulated social interactions in ASD	$416,250	Yale University
ELUCIDATING THE FUNCTION OF CLASS 4 SEMAPHORINS IN GABAERGIC SYNAPSE FORMATION.	$353,931	BRANDEIS UNIVERSITY
Protein Interaction Network Analysis to Test the Synaptic Hypothesis of Autism	$90,000	MAYO CLINIC ROCHESTER
Protein Interaction Network Analysis to Test the Synaptic Hypothesis of Autism	$249,000	SEATTLE CHILDREN'S HOSPITAL
Attention & word learning in children with ASD- Translating experimental findings into intervention	$0	Women & Infants Hospital
Reconceptualizing Brain Connectivity and Development in Autism	$30,000	University of Miami
Cognitive and Neural Flexibility in Autism	$480,296	University of Miami
Action anticipation in infants	$0	University of Chicago
Time Perception and Timed Performance in Autism	$219,234	MICHIGAN STATE UNIVERSITY
Electrophysiological Signatures of Language Impairment in Autism Spectrum Disord	$312,853	Children's Hospital of Philadelphia
Mechanical characterization of brain tissue and individual neurons in Autism Spectrum Disorders	$0	Boston Children's Hospital
CAREER: Typical and atypical development of brain regions for theory of mind	$0	Massachusetts Institute of Technology
Impairments of Theory of Mind disrupt patterns of brain activity	$321,000	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
FUNCTION OF NEUREXINS	$716,276	STANFORD UNIVERSITY
Neuronal Adaptation and Plasticity after Chronic Disuse	$423,750	New York University
Imaging adaptive cerebellar processing at cellular resolution in awake mice	$428,215	PRINCETON UNIVERSITY
Dynamic regulation of Shank3 and ASD	$612,287	Johns Hopkins University
Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	$101,373	University of California, Los Angeles

Project Title	Funding	Institution
Inhibitory mechanisms for sensory map plasticity in cerebral cortex.	$326,282	University of California, Berkeley
Verbal/non-verbal asynchrony in adolescents with high-functioning Autism	$376,077	EMERSON COLLEGE
Functional analysis of EPHB2 mutations in autism - Project 1	$0	Yale University
Axonal Ultrastructure of Temporal White Matter in Autism	$78,250	University of California, Davis
Typical and Pathological Cellular Development of the Human Amygdala	$385,000	University of California, Davis
Cell-specific molecular mechanisms underlying brain pathology in ASD	$274,021	University of California, Davis
Multisensory processing in autism	$0	Baylor College of Medicine
Mechanisms underlying word learning in children with ASD: Non-social learning and	$172,195	Boston University
The Social Brain in Schizophrenia and Autism Spectrum Disorders	$519,563	HARTFORD HOSPITAL
CHARACTERIZATION OF OXYTOCIN RECEPTORS IN AUTISM SPECTRUM DISORDER	$220,839	University of California, Davis
Structural and Functional Neuroimaging of the Auditory System in Autism	$158,038	Children's Hospital of Philadelphia
Biology of Non-Coding RNAs Associated with Psychiatric Disorders	$416,433	University of Southern California
Identification of genetic pathways that regulate neuronal circuits in C. elegans	$54,194	University of California, San Diego
DISRUPTION OF TROPHIC INHIBITORY SIGNALING IN AUTISM SPECTRUM DISORDERS	$0	Northwestern University
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	$0	Baylor College of Medicine
Functional analysis of EPHB2 mutations in autism	$62,475	McLean Hospital
RNA dysregulation in autism	$125,000	ROCKEFELLER UNIVERSITY
CLARITY: circuit-dynamics and connectivity of autism-related behavior	$246,539	Stanford University
IMAGING BRAIN FUNCTION IN CHILDREN WITH AUTISM SPECTRUM DISORDERS WITH DIFFUSE OPTICAL TOMOGRAPHY	$141,211	Washington University in St. Louis
Magnetoencephalographic studies of lexical processing and abstraction in autism	$306,829	University of Pennsylvania
Characterizing mechanistic heterogeneity across ADHD and Autism	$709,255	OREGON HEALTH & SCIENCE UNIVERSITY
Electrophysiological Response to Executive Control Training in Autism	$235,084	CHILDREN'S HOSPITAL CORPORATION
Multimodal Imaging of Social Brain Networks in ASD	$149,499	SAN DIEGO STATE UNIVERSITY
Understanding the Role of Epac2 in Cognitive Function	$48,120	Northwestern University
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	$0	University of California, Irvine
Identification of genes responsible for a genetic cause of autism	$250,000	Case Western Reserve University
Characterizing Lexical Processing in Toddlers with Autism Spectrum Disorders	$544,025	University of Wisconsin
Executive Function in Children with Typical and Atypical Language Abilities	$514,484	University of Wisconsin

Project Title	Funding	Institution
Shank3 in Synaptic Function and Autism	$401,250	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Interneuron subtype-specific malfunction in autism spectrum disorders	$240,000	New York University
A functional genomic analysis of the cerebral cortex	$0	University of California, Los Angeles
Dissecting recurrent microdeletion syndromes using dual-guide genome editing	$580,798	Massachusetts General Hospital
Classifying autism etiology by expression networks in neural progenitors and differentiating neurons	$149,999	Massachusetts General Hospital
High content assays for cellular and synaptic phenotypes	$462,191	University of California, San Diego
Quantitative Measurements of Cortical Excitability in Neurodevelopmental Disorder	$237,250	STANFORD UNIVERSITY
Translational dysregulation of the RhoA pathway in autism	$125,605	The Regents of the University of California, San Diego
Protein network of high risk copy number variants for psychiatric disorders	$193,750	University of California, San Diego
Analysis of Shank3 Complete and Temporal and Spatial Specific Knockout Mice	$425,202	Duke University
Functional connectivity substrates of social and non-social deficits in ASD	$701,636	Massachusetts General Hospital
Dysregulated Translation and Synaptic Dysfunction in Medium Spiny Neurons of Autism Model Mice	$33,333	New York University
Function and Structure Adaptations in Forebrain Development	$678,394	CHILDREN'S HOSPITAL OF LOS ANGELES
Mechanisms of Autonomic Brainstem Development	$202,500	CHILDREN'S HOSPITAL OF LOS ANGELES
The Cognitive Neuroscience of Autism Spectrum Disorders	$1,125,989	National Institutes of Health
Autism-linked endosomal mechanisms in neuronal arborization and connectivity	$406,250	BROWN UNIVERSITY
FMRI and EEG approaches to the resting state in ASD	$190,411	SAN DIEGO STATE UNIVERSITY
Integrity and Dynamic Processing Efficiency of Networks in ASD	$641,036	SAN DIEGO STATE UNIVERSITY
Cell adhesion molecules in autism: a whole-brain study of genetic mouse models	$521,650	COLD SPRING HARBOR LABORATORY
Project 4: Calcium Signaling Defects in Autism (Pessah/Lein)	$107,518	University of California, Davis
Neuronal Basis of Vicarious Reinforcement Dysfunction in Autism Spectrum Disorder	$309,592	Duke University
Ontogeny and neural basis of social visual engagement in monkeys	$312,542	Emory University
Brain Bases of Language Deficits in SLI and ASD	$616,032	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Cortical Plasticity in Autism Spectrum Disorders	$437,188	BETH ISRAEL DEACONESS MEDICAL CENTER
Research Project: Sensory and Multisensory Contributions to Autism	$357,191	Vanderbilt University
The Impact of Pten Signaling on Neuronal Form and Function	$405,000	DARTMOUTH COLLEGE
Social interaction and reward in autism: Possible role for ventral tegmental area	$0	University of Geneva
Transcriptional Regulators in Normal Human Brain Development and Autism	$21,100	University of California, Los Angeles

Project Title	Funding	Institution
Role of a novel PRCI complex in neurodevelopment and ASD neurobiology	$225,000	New York University
Development of a connectomic functional brain imaging endophenotype of autism	$13,664	University of Cambridge
Molecular mechanisms of the synaptic organizer alpha-neurexin	$388,750	UNIVERSITY OF TEXAS MEDICAL BR GALVESTON
Impact of SynGAP1 Mutations on Synapse Maturation and Cognitive Development	$614,568	The Scripps Research Institute
Molecular Dissection of Calmodulin Domain Functions	$321,473	UNIVERSITY OF IOWA
Brain-behavior interactions and visuospatial expertise in autism: a window into the neural basis of autistic cognition	$44,400	Hospital Riviere-des-Praires, University of Montreal, Canada
Delineating the role of Ras/MAPK signaling in 16p11.2 phenotypes	$125,000	The Regents of the University of California, San Francisco (Contracts & Grants)
BRIGE: Emotion mapping of children through human-robot interaction and affective computing	$0	University of Louisville
Local connectivity in altered excitation/inhibition balance states	$0	Weizmann Institute of Science
Controlling Interareal Gamma Coherence by Optogenetics, Pharmacology and Behavior	$250,546	PRINCETON UNIVERSITY
Neural networks for attention to internal and external sensory cues in ASD	$379,582	Vanderbilt University
Mapping Thalamocortical Networks Across Development in ASD	$235,500	Vanderbilt University
Abnormal connectivity in autism	$0	University of California, Los Angeles
EEG-Based Assessment of Functional Connectivity in Autism	$175,176	HUGO W. MOSER RES INST KENNEDY KRIEGER
Direct Examination of Imitation-Based Learning in Autism	$161,600	HUGO W. MOSER RES INST KENNEDY KRIEGER
CAREER: Statistical models and classification of time-varying shape	$0	University of Utah
RI: Small: Addressing visual analogy problems on the raven's intelligence test	$0	Georgia Tech Research Corporation
Monoallelic expression in neurons derived from induced pluripotent stem cells	$35,232	ALBERT EINSTEIN COLLEGE OF MEDICINE
Monoallelic expression in neurons derived from induced pluripotent stem cells	$382,268	ALBERT EINSTEIN COLLEGE OF MEDICINE
Cellular Density and Morphology in the Autistic Temporal Human Cerebral Cortex	$365,795	University of California, Davis
Social Brain Networks for the Detection of Agents and Intentions	$316,250	Yale University
Mathematical Cognition in Autism: A Cognitive and Systems Neuroscience Approach	$605,511	STANFORD UNIVERSITY
Deficits in KCC2 activity and the pathophysiology of Autism spectrum disorders	$247,500	Tufts University
How autism affects speech understanding in multitalker environments	$0	University of Maryland
White matter glial pathology in autism	$0	East Tennessee State University
Visualizing neural circuits of social sensory processing	$62,500	University of North Carolina

Project Title	Funding	Institution
Neural Circuits That Regulate Social Motivation in Autism	$150,542	University of North Carolina
Activity-dependent Mechanisms of Visual Circuit Formation	$30,000	Children's Research Institute (CRI)
Unreliability of neuronal responses in mouse models of autism	$62,500	Carnegie Mellon University
Computational characterization of language use in autism spectrum disorder	$692,720	OREGON HEALTH & SCIENCE UNIVERSITY
Computational characterization of language use in autism spectrum disorder	$99,966	OREGON HEALTH & SCIENCE UNIVERSITY
Mapping functional neural circuits that mediate social behaviors in autism	$62,500	Duke University
Organization of Excitatory and Inhibitory Circuits in ASD	$395,236	Boston University
Brain Network Development in Normal and Autistic Children	$187,164	UNIVERSITY OF UTAH
Single-cell approaches to deconvolution of disease-associated signals	$817,969	University of California, San Diego
Genomics Core	$142,154	University of California, San Diego
Interrogating Synaptic Transmission in Human Neurons	$30,000	Stanford University
Heparan sulfate in neurophysiology and neurological disorders	$449,744	SANFORD-BURNHAM MEDICAL RESEARCH INSTIT
Role of Autism Susceptibility Gene, TAOK2 kinase, and its novel substrates in Synaptogenesis	$120,904	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
An investigation of inductive learning in autism	$59,770	The Regents of the University of California, Berkeley
Neural basis underlying autistic behaviors	$240,000	The Scripps Research Institute
Tools for manipulating local protein synthesis in the brain	$148,500	UNIVERSITY OF TORONTO
Induced neuronal cells: A novel tool to study neuropsychiatric diseases	$680,862	STANFORD UNIVERSITY
Disrupted Homeostatic Synaptic Plasticity in Autism Spectrum Disorders.	$125,000	Brandeis University
Corticogenesis and Autism Spectrum Disorders: New Hypotheses on Transcriptional Regulation of Embryonic Neurogenesis by FGFs from In Vivo Studies and RNA-sequencing Analysis of Mouse Brain	$29,993	Yale University
Explore the pathogenic role of mTor signaling in chr16p11.2 microdeletion	$60,000	CHILDREN'S HOSPITAL OF LOS ANGELES
Cerebellum and autism: Neural mechanisms and modulation of predictive processing	$402,769	AMERICAN UNIVERSITY
Functional Genomics of Human Brain Development	$1,313,408	Yale University
Functional Genomics of Human Brain Development	$317,764	Yale University
Na+-H+ Exchanger Mechanisms in Autism Pathophysiology and Treatment	$29,475	Brown University
Regulation of Neuroligins and Effects on Synapse Number and Function	$995,177	National Institutes of Health
Brain Systems Underlying Episodic Memory for Social Stimuli in Childhood Autism	$126,252	STANFORD UNIVERSITY
Spastic paraplegia, neurodegeneration and autism: possible role for AT-1/SLC33A1?	$330,978	University of Wisconsin
Connectivity of the Posterior Cerebellum	$39,720	PRINCETON UNIVERSITY
Long non-coding RNAs in gene regulatory networks underlying Autism	$211,875	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

Project Title	Funding	Institution
Gaining insight into psychiatric disease by engineering piece by piece the human brain in vitro.	$496,813	STANFORD UNIVERSITY
Impact of Pten mutations: brain growth trajectory and scaling of cell types	$60,000	The Scripps Research Institute
Development of auditory circuits in mouse models of autism	$54,194	University of Maryland
Reproducible protocols for robust cortical neuron and astroglial differentiation	$500,132	University of California, San Diego
Investigating the Mechanism of Optic Nerve Hypoplasia Associated with CASK Mutation	$398,230	VIRGINIA POLYTECHNIC INST AND ST UNIV
Contribution of cerebellar CNTNAP2 to autism in a mouse model	$0	University of Oxford
BRAIN MECHANISMS OF AFFECTIVE LANGUAGE COMPREHENSION IN AUTISM SPECTRUM DISORDERS	$0	University of Maryland
Engagement of Social Cognitive Networks during Game Play in Autism	$29,933	Duke University
Dissecting neural mechanisms integrating multiple inputs in C. elegans	$485,000	SALK INSTITUTE FOR BIOLOGICAL STUDIES
Network Optimization of Functional Connectivity in Neuroimaging for Differential Diagnosis of Brain Diseases	$0	University of Washington
Role of Neurexin in Synapse Formation and Maintenance	$59,966	STANFORD UNIVERSITY
Integrative Regulatory Network Analysis of iPSCs Derived Neuronal Progenitors from Macrocephalic ASD Individuals in a Family-based Design	$60,000	Yale University
Investigating the Role of RBFOX1 in Autism Etiology	$30,000	University of Miami
Thalamic activity and structure and surface neural oscillations in autism	$207,016	Children's Hospital of Philadelphia
Optogenetic treatment of social behavior in autism	$60,236	University of California, Los Angeles
Optogenetic treatment of social behavior in autism	$385,000	University of California, Los Angeles
Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	$30,000	University of California, San Francisco
Hippocampal mechanisms of social learning in animal models of autism	$62,500	Baylor College of Medicine
Perturbation of Excitatory Synapse Formation in Autism Spectrum Disorders	$30,000	Max Planck Florida Institute for Neuroscience
Disruption of Reelin biosynthesis by de novo missense mutations found in aut	$33,503	UPSTATE MEDICAL UNIVERSITY
Alterations to corticothalamic circuitry in a mouse model of autism	$74,000	LOUISIANA STATE UNIV A&M COL BATON ROUGE
A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	$30,000	University of California, Los Angeles
The flexibility of individuation and ensemble representation	$54,194	Northwestern University
MRI: Acquistion of an Infrared Eye Tracker to Study the Emergence, Use, Loss, and Requisition of Communication Skills	$0	Emerson College
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	$104,613	UNIVERSITY OF FLORIDA
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	$299,537	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	$15,000	University of California, Davis

Project Title	Funding	Institution
Role of LIN28/let-7 axis in autism	$62,500	Johns Hopkins University
Social reward in autism: Electrophysiological, behavioral, and clinical correlates	$0	SEATTLE CHILDREN'S HOSPITAL
Investigating role of neurexin-1 mutation in autism using human induced neurons	$56,042	STANFORD UNIVERSITY
Correcting excitatory-inhibitory imbalance in autism	$225,000	University of North Carolina
Brain Systems Supporting Learning and Memory in Children with Autism	$170,779	STANFORD UNIVERSITY
The neurophysiology of sensory processing and multisensory integration in ASD	$426,311	SYRACUSE UNIVERSITY
Artifacts as Windows to Other Minds: Social Reasoning In Typical and ASD Children	$56,042	Boston University
Pathogenic roles of paternal-age-associated mutations in autism	$62,500	Weill Cornell Medical College
CNTNAP2 regulates production, migration and organization of cortical neurons	$62,500	Memorial Sloan-Kettering Cancer Center
Developmental in Axons underlie Neuropsychiatric Illness	$30,000	Children's Research Institute (CRI)
Multiscale Genetic Connectivity of Primate Social Circuits	$647,114	UNIVERSITY OF UTAH
Validity and Reliability of New Standard for Resting fMRI Data	$84,750	New York University
Brain Somatic Mosaicism at ASD-Associated Loci	$25,000	University of Michigan
BDNF regulation of the cortical neuron transcriptome	$76,792	University of Colorado, Denver
Neurobiological foundations of self-conscious emotion understanding in adolescents with ASD	$30,000	University of Oregon
Alternative splicing-mediated mechanisms of cortical interneuron maturation and circuit integration	$98,061	New York University
Decoding the RGS14 Interactome/Signalosome in CA2 hippocampal neurons	$191,640	Emory University
Bidirectional Tyrosine Kinase Signaling	$523,695	UT SOUTHWESTERN MEDICAL CENTER
THE COGNITIVE SEARCHLIGHT: TRN CIRCUIT DISSECTION IN HEALTH AND DISEASE	$528,288	New York University
The PI3K Catalytic Subunit p110delta as Biomarker and Therapeutic Target in Autism and Schizophrenia	$45,000	Cincinnati Children's Hospital
Alterations of the human brain structural connectome in preschool aged children with ASD	$30,000	University of California, Davis
Dissecting Reciprocal CNVs Associated With Autism	$30,000	Duke University
Understanding somatosensory deficits in Autism Spectrum Disorder	$62,500	President and Fellows of Harvard College
FUNCTIONAL AND STRUCTURAL OPTICAL BRAIN IMAGING	$682,022	National Institutes of Health
UBR7 is a novel chromatin directed E3 ubiquitin ligase	$225,956	Northwestern University
Exploration of the development and trajectory of Daily Living Skills in children and adolescents with autism spectrum disorder	$15,600	Cincinnati Children's Hospital

Project Title	Funding	Institution
Development of the Functional Touch Circuit	$52,406	Harvard University
SHB: Type II (INT): Synthesizing self-model and mirror feedback imageries with applications to behavior modeling for children with autism	$0	University of Kentucky
Sensory contributions to autism spectrum disorders and links to social responsiveness	$27,778	Vanderbilt University
Prefrontal corticothalamic circuits in autism	$178,646	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Role of Draxin in Forebrain Connectivity and Complex Behaviors	$179,959	WADSWORTH CENTER
Behavioral and Neural Variability in Autism Spectrum Disorder	$56,000	Vanderbilt University
LEARNING AND PLASTICITY IN THE HUMAN BRAIN	$339,183	National Institutes of Health
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	$0	Massachusetts Institute of Technology
The Elongation Hypothesis of Autism	$760,000	University of North Carolina
Role of autism-associated chromatin remodeler Brg1 in neuronal development	$198,750	UT SOUTHWESTERN MEDICAL CENTER
Neural Basis of Deficits in Multisensory Integration in Schizophrenia and ASD	$30,000	Columbia University
Variation in Neuroligin Concentration and Presynaptic Functional Development	$237,438	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
A Novel GABA Signalling Pathway in the CNS	$50,000	McLean Hospital
FUNCTIONAL ANATOMY OF FACE PROCESSING IN THE PRIMATE BRAIN	$1,695,557	National Institutes of Health
Neural Synchrony and Plasticity in Children with Autism	$56,100	University of North Carolina
Striatal Specific Alterations in Translation, Synaptic Function, and Behavior in	$81,581	New York University
TSC/mTOR Signaling in Adult Hippocampal Neurogenesis: Impact on Treatment and Behavioral Models of Autism Spectrum Disorders in Mice	$7,769	University of California, Los Angeles
AUDITORY AND INTEGRATIVE FUNCTIONS OF THE PREFRONTAL CORTEX	$370,498	University of Rochester
Inhibitory dysfunction in autism	$647,425	University of Washington
The Interplay Between Human Astrocytes and Neurons in Psychiatric Disorders	$25,000	University of California, San Diego
Timed mRNA translation events in neocortical development and neurodevelopmental disorders	$39,720	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL
Molecular control of prefrontal cortical circuitry in autism	$211,875	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Structural Polarity Influences Terminal Placement and Competition in Formation of the Calyx of Held	$32,714	WEST VIRGINIA UNIVERSITY
Dissecting the Human Magnocellular Visual Pathway in Perceptual Disorders	$28,000	New York University

Project Title	Funding	Institution
Functional analysis of Neuroligin-Neurexin interactions in synaptic transmission	$336,875	University of Massachusetts, Worcester
Statistical Methods for Ultrahigh-dimensional Biomedical Data	$294,132	PRINCETON UNIVERSITY
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	$0	Landmark College
ANALYSIS OF CORTICAL FUNCTION	$222,861	National Institutes of Health
Reducing Diversity at the Gamma Protocadherin Locus by CRISPR Targeting	$230,739	JACKSON LABORATORY
Signaling Pathways that Regulate Excitatory-inhibitory Balance	$30,000	University of California, San Diego
PHENOTYPING ASTROCYTES IN HUMAN NEURODEVELOPMENTAL DISORDERS	$386,607	STANFORD UNIVERSITY
Characterizing and Manipulating the Social Reward Dysfunction in a Novel Mouse Model for Autism	$0	Massachusetts Institute of Technology
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	$0	TERC Inc
Decoding Neural Systems Underlying Affective Prosody in Children with Autism	$175,960	STANFORD UNIVERSITY